

Utility Patent
Ser. No. 09/758,097

**PLEASE INCLUDE THE FOLLOWING CLEAN VERSION OF THE AMENDED
CLAIM(S) PURSUANT TO 37 CFR 1.121(C)(1)(I)**

- Sub B27
1. A portable projector comprising:
a housing having a generally tubular, portable shape the overall size and shape of a conventional flashlight; and
slide projection means mounted within said housing for projecting a slide image from a lens mounted on an anterior end of said housing;
wherein said slide image is loaded onto currently available, conventional projection slide medium.
 2. The portable projector of Claim 1, wherein said slide projection means comprises a linear carousel mechanism for retaining a plurality of projector slides.
 3. The portable projector of Claim 2, wherein said linear carousel mechanism includes a guide rail that guides and articulates a plurality of slide gripping brackets that are spring urged by a slide advance spring tracked between each respective gripping bracket along said guide rail.
 4. The portable projector of Claim 3, wherein each respective slide is articulated and urged forward toward a projector lamp near a projection lens means toward the front of said housing.
 5. The portable projector of claim 1, wherein said housing further comprises an access door

cancel

pivotaly affixed to said housing such as to open in a clam-shell type manner to provide access to a housing internal cavity.

6. *B* The portable projector of Claim 4, wherein said lamp assembly is pivotaly articulated to said rail in such a manner that it can be pivoted up into position between a lead slide and a next available slide in said carousel, and as a new slide is urged forward by spring action an old slide is discharged.

cancel

7. A slide projector comprising:

- a linear carousel mechanism for retaining a plurality of projector slides;
- a guide rail aligned with said linear carousel mechanism that guides and articulates said plurality of slide gripping brackets;
- a plurality of slide advance spring, each said advance spring tracked between each respective gripping bracket along said guide rail, wherein each respective slide is articulated and urged forward toward a projector lamp;
- projection lens means toward the front of a housing;
- a housing access door pivotaly affixed to said housing such as to open in a clam-shell type manner to provide access to a housing internal cavity.

REV: 6/19/02